

Work Order ID 57571



Page 1

April 8, 2010 12:55:54 PM

Item ID: D350-689-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Floor Provisions

Start Date: 4/08/10 Start Qty: 1.00



Cust Item ID:

Required Date: 4/23/10 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: [Signature] Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D350-689	Rev A								

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D350-689 bluefile & type labels per PPP D350-689-013- CHG 002

8/10/04/23

101

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

10-4-22

TD SP

110

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

8/10/04/23

70

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 57571

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Item ID: D350-689-013

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Setup Start



Revision ID:

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Item Name: Floor Provisions

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Required Date: 4/23/10 Req'd Qty: 1.00



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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 Packaging	Packaging	0.00							
Packaging	Memo Identify and pack for shipping as per PPP D350-689-013 Location: _____ PPP Rev: _____	0.00							
130 QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	Memo	0.00							

R14/23 (1)

10.04.23

h 20.04.23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 57571

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev.F 07.01.02 per dsi 9311 ec

Start Date: 4/08/10

Required Date: 4/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN960JD10L	Purchased		No			110	Each	4,685.000	6.0000			
<div>Washer</div> <div> <div>Warehouse</div> <div>Location</div> <div>Main Warehouse</div> <div>ST348</div> <div>110985</div> </div> <div> <div>Loc Qty</div> <div>4685</div> <div>4685</div> </div> <div> <div>Loc Code</div> <div></div> </div>												

D3025-1

Beam

Manufactured No

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST348	4685	
	110985	4685	

110 Each

5.0000

1.0000

10-4-22

SP

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST177	5	
	22566	5	

110 Each

6.0000

1.0000

10-4-22

SP

D3026-1

Channel

Manufactured No

Warehouse	Location	Loc Qty	Loc Code
Main Warehouse	ST177	6	
	51282	6	

6

6

/

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 57571

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev.F 07.01.02 per dsi 9311 ec

Start Date: 4/08/10

Required Date: 4/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3027-1		Manufactured	No			110	Each	35.0000	1.0000			

Clip

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST034

35

22566

35

110

Each

26.0000

1.0000

D3027-3

Manufactured

No

Clip

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST034

26

22566

26

110

Each

31.0000

1.0000

D3027-5

Manufactured

No

Clip

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST034

31

22566

31

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 57571

Parent Item: D350-689-013

Parent Item Name: Floor Provisions


Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev F 07.01.02 per dsi 9311 ec

Start Date: 4/08/10

Required Date: 4/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3027-7		Manufactured	No			110	Each	26.0000	4.0000			
8 											10-4-22 sl	
Clip												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST034

26

44566

26

110

Each

5.0000

1.0000



10-4-22 sl

D3032-1



Spacer

Manufactured

No

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST177

5

22566

5

110

Each

3.0000

2.0000



10-4-22 sl
B58013 (12) 10-4-23 sl

D3033-1



Seat Track

Manufactured

No

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST177

3

53078

3

110

Each

0.0000

1.0000



10-4-23 sl
B58014 10-4-23 sl

D3033-3



Seat Track

Manufactured

No

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Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

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Work Order ID: 57571



Parent Item: D350-689-013



Parent Item Name: Floor Provisions

Start Date: 4/08/10

Required Date: 4/23/10

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev F 07.01.02 per dsi 9311 ec

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS20426AD3-6		Purchased	No			110	Each	2,230.000	16.0000			
											10-4-22	SP
Rivet												

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST316

2230

105055

2230

110

Each

3,719.000

17.0000

16

10-4-22

SP

MS20426AD4-6	Purchased	No										
Rivet												

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST317

3719

110139

3719

110

Each

644.0000

18.0000

17

10-4-22

SP

MS20470AD4-5	Purchased	No										
Rivet, Universal Head												

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST319

644

111916

644

18

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

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Work Order ID: 57571

Parent Item: D350-689-013

Parent Item Name: Floor Provisions


Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev F 07.01.02 per dsi 9311 ec

Start Date: 4/08/10

Required Date: 4/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS20470AD4-6		Purchased	No			110	Each	1,292.000	2.0000			
											10-4-22	SD
Rivet, Universal Head												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST320

1292

113644

1292

MS20470AD5-6

Purchased

No

110

Each

2,019.000

30.0000



Rivet

2

10-4-22

SD

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST320

2019

105433

2019

MS21059L3

Purchased

No

110

Each

15.0000

8.0000



Nut Plate

30

1114449

10-4-22

SD

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST302

15

113749

15

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Page 5

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 57571

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev.F 07.01.02 per dsi 9311 ec

Start Date: 4/08/10

Required Date: 4/23/10

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS24693-S273		Purchased	No			110	Each	848.0000	2.0000			
Screw												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST288

848

100151

848

110

Each

173.0000

6.0000

2

10-4-22 10 SP

MS27039-1-10

Purchased

No

Screw

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST291

173

112794

73

112940

100

6

April 8, 2010 12:55:52 PM

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Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY**25.5 WEIGHT AND BALANCE**

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011	27.0 lb	-18.2 in	-491 in-lb	60.7 in	1639 in-lb
Dual High Back Seat Installation	12.2 kg	-0.46 m	-5.6 m-kg	1.54 m	18.8 m-kg
D350-689-013	2.0 lb	-18.2 in	-36 in-lb	60.7 in	121 in-lb
Floor Provisions Kit	0.9 kg	-0.46 m	-0.4 m-kg	1.54 m	1.4 m-kg

25.6 PARTS LIST

Qty		Part Number	Description
X		D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X	D350-689-013	FLOOR PROVISIONS KIT
1	X	D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
	2	D3016-041	SEAT FRAME ASSEMBLY
	1	D3017-041	BACK FRAME ASSEMBLY
1		D3018-1	SEAT CUSHION
1		D3019-1	BACK CUSHION
	1	D3021-041	TUBE ASSEMBLY
	1	D3022-1	SEAT PAN
	1	D3023-1	BACK PANEL
	3	D3024-1	SPACER
1		D3025-1	BEAM
1		D3026-1	CHANNEL
1		D3027-1	CLIP
1		D3027-3	CLIP
1		D3027-5	CLIP
4		D3027-7	CLIP
	4	D3028-1	STUD
	2	D3029-1	SPRING
	2	D3030-1	LOCK
	2	D3031-1	LOOP
1		D3032-1	SPACER
1		D3033-1	SEAT TRACK
1		D3033-3	SEAT TRACK
6	23	AN960JD10L	WASHER
	3	AN3-12A	BOLT
16		MS20426AD3-6	RIVET
17		MS20426AD4-6	RIVET
18		MS20470AD4-5	RIVET
2		MS20470AD4-6	RIVET
30		MS20470AD5-6	RIVET
	46	MS20600AD4W2	RIVET
8		MS21059L3	NUTPLATE
6		MS27039-1-10	SCREW
	4	MS27039-1-17	SCREW
	12	MS27039-1-19	SCREW
	4	MS24693-S272	SCREW
2		MS24693-S273	SCREW
	23	MS21042L3	NUT (OR MS21042-3)

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-689 REV 0

REF TCCA STC: SH02-33
REF FAA STC: SR01620NY
REF EASA STC: EASA.IM.R.S.01453
REF BRAZILIAN STC: 2005S03-09

REFERENCE ONLY

PURPOSE:

TO UPDATE THE PARTS LIST AND THE WEIGHT AND BALANCE TABLE IN IIN-D350-689 REV A AND ICA-D350-689 REV 0.

CHANGE:

FOR D350-689-011 AT CHANGE 003, D350-689-021 AT CHANGE 002, D350-689-041 AT CHANGE 002 AND D350-689-043 AT CHANGE 002, QTY (6) OF: MS27039-1-19 SCREW; MS21042L3 NUT & AN960JD10L WASHER REPLACED WITH QTY (6) OF: MS27039-4-21 SCREW; MS21042L4 NUT & NAS1149D0432J WASHER RESPECTIVELY. FIGURE 6 (PG 9) OF IIN-D350-689 MODIFIED PER SHT 2 OF THIS SERVICE INSTRUCTION. THE HARDWARE SECTION OF THE PARTS LIST IN SECTION 5 (PG 10) OF IIN-D350-689 REV A & SECTION 25.6 (PG 31) OF ICA-350-689 REV 0 IS AMENDED AS FOLLOWS:

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X						D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X					D350-689-013	FLOOR PROVISIONS KIT
		X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH (REF DSI 9419)
		1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISION KIT (REF DSI 9419)
1				X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
	X	1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY (REF DSI 9419)
						NAS1149D0332J	WASHER (OR AN960JD10L)
			9			NAS1149D0363J	WASHER (OR AN960JD10)
				6	6	NAS1149D0432J	WASHER (OR AN960JD416)
				3	3	AN3-12A	BOLT
	6					MS20426AD3-6	RIVET
			14			MS20426AD4-5	RIVET
						MS20426AD4-6	RIVET
	17					MS20470AD4-5	RIVET
	15		34			MS20470AD4-6	RIVET
	2		18			MS20470AD4-6	RIVET
	30		32			MS20470AD5-6	RIVET
				40	40	MS20600AD4W2	RIVET
				6	6	MS20600AD4W3	RIVET (REF DSI 9349)
	5					MS21059L3	NUTPLATE
	2					MS27039-1-10	SCREW
				4	4	MS27039-1-17	SCREW
				6	6	MS27039-1-19	SCREW
				6	6	MS27039-4-21	SCREW
				4	4	MS24693-S272	SCREW
	2					MS24693-S273	SCREW
					8	MS24694-S3	SCREW
			9			MS24694-S50	SCREW
					4	MS24694-S148	SCREW
			9	17	17	MS21042L3	NUT (OR MS21042-3)
				6	6	MS21042L4	NUT (OR MS21042-4)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-001

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.01.21
CERT. NO.: SH02-33
ISSUE NO.: 1

A	NEW ISSUE.	JPH	10.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9498	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SEAT REINF; IIN & ICA UPDATE	NTS
DATE	10.01.21	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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